

BELZONA SAVES AUTO INDUSTRY A CHUNK OF CASH

ID: 432



PROBLEM

Worn cylinders - welding robot control

APPLICATION SITUATION

Worn shaft

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-2.

BELZONA FACTS

Welding robot control cylinder is simply a spring loaded shaft inside a housing. It controls the movement of the welder to and from the work - (slow going in, very quick return). Once the cylinders became worn, like the one in the photo, the whole assembly was replaced at a cost of \$3,500. The Belzona in-situ repair cost less than 5% of the replacement. There are 400 welders in the production line with two cylinders each.

INDUSTRY

General Industry

LOCATION

Auto Manufacturing Plant in Missouri, U.S.A.

APPLICATION DATE

September 2003

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. Equipment - welding robot
2. Worn cylinder
3. Almost there
4. Completed job

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

